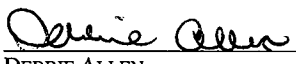


IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:	§	
<b>EAST, JR., ET AL.</b>	§	Group Art Unit: <b>3672</b>
	§	
Serial No.: <b>10/727,453</b>	§	Confirmation No. <b>7134</b>
	§	
Filed: <b>DECEMBER 4, 2003</b>	§	Examiner: <b>SMITH, MATTHEW J.</b>
	§	
Title: <b>"METHOD OF OPTIMIZING PRODUCTION OF GAS FROM VERTICAL WELLS IN COAL SEAMS"</b>	§	Atty. Docket No: <b>HES 2003-IP-011867U1</b>
	§	
	§	

**MAIL STOP AMENDMENT**  
**Honorable Commissioner of Patents**  
**P. O. Box 1450**  
**Alexandria, VA 22313-1450**

CERTIFICATE OF FILING ELECTRONICALLY VIA EFS MPEP 503	
I HEREBY CERTIFY THAT I HAVE A REASONABLE BASIS FOR BELIEF THAT THIS CORRESPONDENCE IS BEING SUBMITTED TO THE UNITED STATES PATENT AND TRADEMARK OFFICE VIA EFS (ELECTRONICALLY) ON THE DATE INDICATED BELOW, AND IS ADDRESSED TO:	
HONORABLE COMMISSIONER FOR PATENTS P.O. BOX 1450 ALEXANDRIA, VA 22313-1450	
	
DEBBIE ALLEN	APRIL 25, 2008
ELECTRONIC FILING (EFS)	

**RESPONSE UNDER 37 C.F.R. § 1.111 TO**  
**NON-FINAL OFFICE ACTION MAILED JANUARY 25, 2008**

Dear Honorable Commissioner:

In response to the Office Action mailed January 25, 2008 (the "Office Action"),  
Applicants submit the following:

- **Amendments to the Claims** begin on page 2 of this paper; and
- **Remarks/Arguments** begin on page 6 of this paper.